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INFORMATION DISCLOSURE STATEMENT BY APPLICANT			
(Use as many sheets as necessary)			
Sheet	1	of	4
		Application Number 10/769,577	
		Filing Date January 30, 2004	
		First Named Inventor SEGEBART, Robert Lee	
		Art Unit 1638	
		Examiner Name	
		Attorney Docket Number P06641US00 - 1843	

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature	Ethan	Date Considered	2/10/06
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/769,577
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Sheet	2	of	4	First Named Inventor	SEGEART, Robert Lee
				Group Art Unit	1638
				Examiner Name	
				Attorney Docket Number	P06641US00 - 1843

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T *
gmu	15	Plant Variety Protection Act, Certificate No. 9700214 for Corn, Field 'PH07D' issued 02/09/2001	
	16	Plant Variety Protection Act, Certificate No. 9700218 for Corn, Field 'PH09B' issued 10/27/2000	
	17	Plant Variety Protection Act, Certificate No. 9800355 for Corn Inbred 'PH1B5' issued 06/14/2001	
	18	Plant Variety Protection Act, Certificate No. 9900382 for Corn, Field 'PH2MW' issued 11/06/2001	
	19	Plant Variety Protection Act, Certificate No. 200100244 for Corn, Field 'PH5W4' issued 09/12/2003	
	20	Berry et. al., Assessing Probability of Ancestry Using Simple Sequence Repeat Profiles: Applications to Maize Inbred Lines and Soybean Varieties" <i>Genetics</i> 165:331-342 (2003)	
	21	Boppenmaier, et al., "Comparisons Among Strains of Inbreds for RFLPs", <i>Maize Genetics Cooperative Newsletter</i> , 65:1991, pg. 90	
	22	Conger, B.V., et al. (1987) "Somatic Embryogenesis From Cultured Leaf Segments of Zea Mays", <i>Plant Cell Reports</i> , 6:345-347	
	23	Duncan, D.R., et al. (1985) "The Production of Callus Capable of Plant Regeneration From Immature Embryos of Numerous Zea Mays Genotypes", <i>Planta</i> , 165:322-332	
	24	Edallo, et al. (1981) "Chromosomal Variation and Frequency of Spontaneous Mutation Associated with <i>in Vitro</i> Culture and Plant Regeneration in Maize", <i>Mavdica</i> , XXVI:39-56	
	25	Fehr, Walt, Principles of Cultivar Development, pp. 261-286 (1987)	
	26	Green, et al. (1975) "Plant Regeneration From Tissue Cultures of Maize", <i>Crop Science</i> , Vol. 15, pp. 417-421	
	27	Green, C.E., et al. (1982) "Plant Regeneration in Tissue Cultures of Maize" <i>Maize for Biological Research</i> , pp. 367-372	
	28	Hallauer, A.R. et al. (1988) "Corn Breeding" <i>Corn and Corn Improvement</i> , No. 18, pp. 463-481	
	29	Lee, Michael (1994) "Inbred Lines of Maize and Their Molecular Markers", <i>The Maize Handbook</i> Ch. 65:423-432	
	30	Meghji, M.R., et al. (1984) "Inbreeding Depression, Inbred & Hybrid Grain Yields, and Other Traits of Maize Genotypes Representing Three Eras", <i>Crop Science</i> , Vol. 24, pp. 545-549	
	31	Openshaw, S.J., et al. (1994) "Marker-assisted selection in backcross breeding". p. 41-43. In Proceedings of the Symposium Analysis of Molecular Marker Data. 5-7 August 1994. Corvallis, OR. American Society for Horticultural Science/Crop Science Society of America.	
	32	Phillips, et al. (1988) "Cell/Tissue Culture and <i>In Vitro</i> Manipulation", <i>Corn & Corn Improvement</i> , 3rd Ed., ASA Publication, No. 18, pp. 345-387	
gmu	33	Poehlman et al (1995) <i>Breeding Field Crop</i> , 4th Ed., Iowa State University Press, Ames, IA., pp. 132-155 and 321-344	

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<i>GL</i>	34	Rao, K.V., et al., (1986) "Somatic Embryogenesis in Glume Callus Cultures", <u>Maize Genetics Cooperative Newsletter</u> , No. 60, pp. 64-65			
	35	Sass, John F. (1977) "Morphology", <u>Corn & Corn Improvement</u> , ASA Publication, Madison, WI pp. 89-109			
	36	Smith, J.S.C., et al., "The Identification of Female Selfs in Hybrid Maize: A Comparison Using Electrophoresis and Morphology", <u>Seed Science and Technology</u> 14, 1-8			
	37	Songstad, D.D. et al. (1988) "Effect of ACC(1-aminocyclopropane-1-carboxylic acid), Silver Nitrate & Norbonadiene on Plant Regeneration From Maize Callus Cultures", <u>Plant Cell Reports</u> , 7:262-265			
	38	Tomes, et al. (1985) "The Effect of Parental Genotype on Initiation of Embryogenic Callus From Elite Maize (<i>Zea Mays L.</i>) Germplasm", <u>Theor. Appl. Genet.</u> , Vol. 70, p. 505-509			
	39	Troyer, et al. (1985) "Selection for Early Flowering in Corn: 10 Late Synthetics", <u>Crop Science</u> , Vol. 25, pp. 695-697			
	40	Umbeck, et al. (1983) "Reversion of Male-Sterile T-Cytoplasm Maize to Male Fertility in Tissue Culture", <u>Crop Science</u> , Vol. 23, pp. 584-588			
	41	Wan et al., "Efficient Production of Doubled Haploid Plants Through Colchicine Treatment of Anther-Derived Maize Callus", <u>Theoretical and Applied Genetics</u> , 77:889-892, 1989			
	42	Wright, Harold (1980) "Commercial Hybrid Seed Production", <u>Hybridization of Crop Plants</u> , Ch. 8:161-176			
<i>GL</i>	43	Wych, Robert D. (1988) "Production of Hybrid Seed", <u>Corn and Corn Improvement</u> , Ch. 9, pp. 565-607			
<i>GL</i>	44	Carlone et al., INBRED MAIZE LINE PH581, U.S. Serial No. 09/758,802 filed 01/11/2001			
<i>GL</i>	45	Hoffbeck, Mark David, INBRED MAIZE LINE PH5W4, U.S. Serial No. 09/759,762 filed 01/12/2001			
<i>GL</i>	46	Hoffbeck, Mark David, INBRED MAIZE LILNE PH70R, U.S. Serial No. 10/271,123 filed 10/15/2002			
Examiner Signature	<i>S. M. Eli</i>			Date Considered	2/10/06

Examiner Signature	S. M. Zell	Date Considered	2/10/03
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